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FIG. 1

SEQ ID NO.

| | | | | | |
|----|----------|-------|---|---------------------------------------|---------------------------------------|
| 12 | SLC26A1 | (71) | * CDVMSGIVGIIILVPOAFAYSLLAG--LQPIYSLYTSFFANLIYFLMGTS | * LQPIYSLYTSFFANLIYFLMGTS | * LQPIYSLYTSFFANLIYFLMGTS |
| 13 | SLC26A2 | (110) | * CDVMSGIVGIIILVPOAFAYSLLAG--QEPYGLXTSFFASIIYFLFGTS | * QEPYGLXTSFFASIIYFLFGTS | * QEPYGLXTSFFASIIYFLFGTS |
| 14 | SLC26A3 | (75) | * SDIVSGISTGLVAVLQGLAFALLVN--LPPAYGLYARFFPVITYFFELGTS | * LPPAYGLYARFFPVITYFFELGTS | * LPPAYGLYARFFPVITYFFELGTS |
| 15 | SLC26A4 | (86) | * SDIISVSTGLVGTLCGMAYALLAA--VPVQFGLYSAFFPILTYEVFGTS | * VPVQFGLYSAFFPILTYEVFGTS | * VPVQFGLYSAFFPILTYEVFGTS |
| 16 | SLC26A5 | (82) | * GDLVSGISTGVLOLPQGLAFAMLLAA--VPPVFGLYSSFPVIMYCFEFGTS | * VPPVFGLYSSFPVIMYCFEFGTS | * VPPVFGLYSSFPVIMYCFEFGTS |
| 17 | SLC26A6 | (94) | * GDLISGLSVAIMQLPQGLAYALLAG--LPPMEGLYSSFPVFIYFLFGTS | * LPPMEGLYSSFPVFIYFLFGTS | * LPPMEGLYSSFPVFIYFLFGTS |
| 18 | SLC26A7 | (49) | * PDTVSGIMLAVQQAQGLSEAMLLSS--VHPVFGLYGSLFPALIIYALFGMG | * VHPVFGLYGSLFPALIIYALFGMG | * VHPVFGLYGSLFPALIIYALFGMG |
| 19 | SLC26A8 | (92) | * GDLIAGLSVGLAQVPOGLIILSLTRQLPPPLNVTAAFCSSVIYVIFGSC | * AAFCSSVIYVIFGSC | * AAFCSSVIYVIFGSC |
| 20 | SLC26A9 | (73) | * PDLIGGLSGGCIQVPOGMAFALLAN--LPAVNGLYSSFEPLLTYYFFELGGI | * LPAVNGLYSSFEPLLTYYFFELGGI | * LPAVNGLYSSFEPLLTYYFFELGGI |
| 21 | SLC26A11 | (33) | * LDFIAGLSVGETVTPQALAYAEVAG--LPPQXGLYSAFMGCFVYFFELGTS | * LPPQXGLYSAFMGCFVYFFELGTS | * LPPQXGLYSAFMGCFVYFFELGTS |
| 12 | SLC26A1 | (119) | * RHYNVGIFFSLICLMVGQVVDRELQLAGFDPQDSLGPKNDSILNNSATT | * LQLAGFDPQDSLGPKNDSILNNSATT | * LQLAGFDPQDSLGPKNDSILNNSATT |
| 13 | SLC26A2 | (158) | * RHISVGIFGIIICLMIGEVDRELHKACPDTDATSSSIAVFSSGCVVNHT | * LHKACPDTDATSSSIAVFSSGCVVNHT | * LHKACPDTDATSSSIAVFSSGCVVNHT |
| 14 | SLC26A3 | (123) | * RHISVGPFPVLSMVGVVTVRVSDPNASS-----ELSSSSTENDSEFI | * LSDPNASS-----ELSSSSTENDSEFI | * LSDPNASS-----ELSSSSTENDSEFI |
| 15 | SLC26A4 | (134) | * RHISVGPFPVLSLMVGSVLSMAPDDHFLVPSNGS--ALNSTRIDTGTRO | * LHFLVPSNGS--ALNSTRIDTGTRO | * LHFLVPSNGS--ALNSTRIDTGTRO |
| 16 | SLC26A5 | (130) | * RHISIGPFAVLSLMIGGVAVRVPDDIVIPG-G-----VNAINGTEARD | * LVIPG-G-----VNAINGTEARD | * LVIPG-G-----VNAINGTEARD |
| 17 | SLC26A6 | (142) | * RHISVGTFAVMSVMVGSVTESLTADKAFVQG-----LNATAD | * LADKAFVQG-----LNATAD | * LADKAFVQG-----LNATAD |
| 18 | SLC26A7 | (97) | * RHVATGTFAITSLISANAVERLVPOSSRNLTQ--S---NSSVLGLSEFE | * LVPOSSRNLTQ--S---NSSVLGLSEFE | * LVPOSSRNLTQ--S---NSSVLGLSEFE |
| 19 | SLC26A8 | (142) | * HQMSTGPFFLVSAIMINVLKDRPFNNGHILG---TFVKDDFSVPTFYLS | * LVKDRPFNNGHILG---TFVKDDFSVPTFYLS | * LVKDRPFNNGHILG---TFVKDDFSVPTFYLS |
| 20 | SLC26A9 | (121) | * HQMVPCTFAVLSILVGNICLQAPESKFOIFNN---VTNETYVDTAAME | * LVAPESKFOIFNN---VTNETYVDTAAME | * LVAPESKFOIFNN---VTNETYVDTAAME |
| 21 | SLC26A11 | (81) | * RDVTLGPTAIMSLIVSFYTFREPAYAVLTA----- | * LVAYAVLTA----- | * LVAYAVLTA----- |

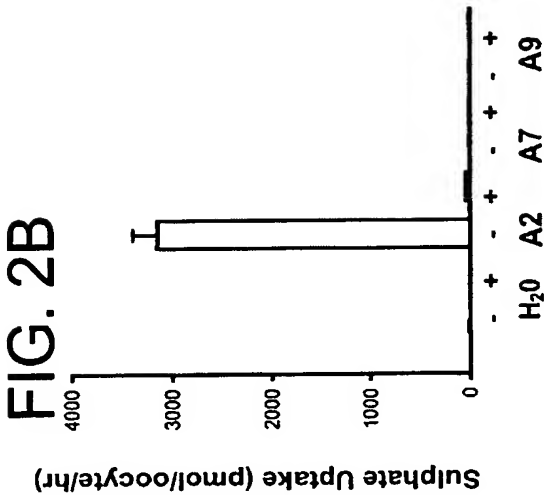
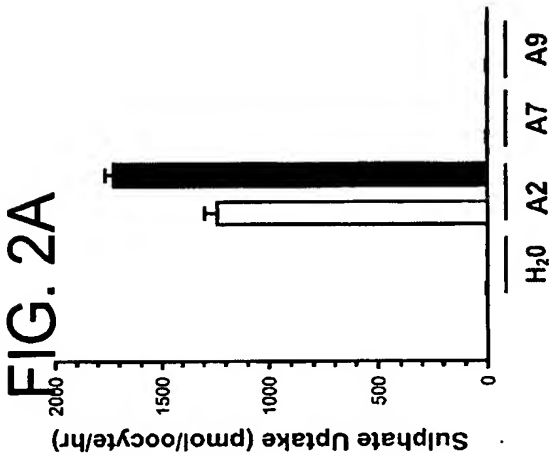


FIG. 2C

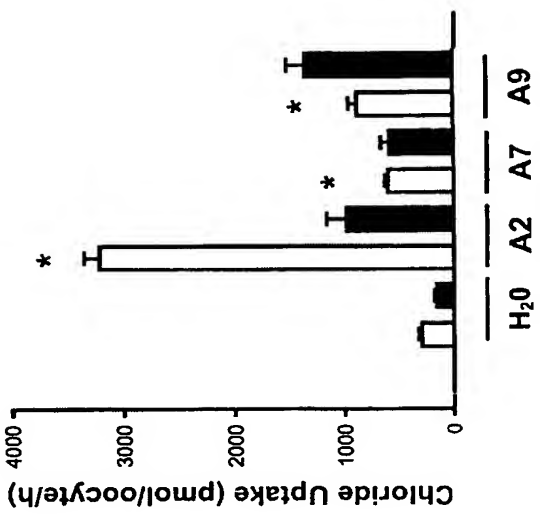


FIG. 3B

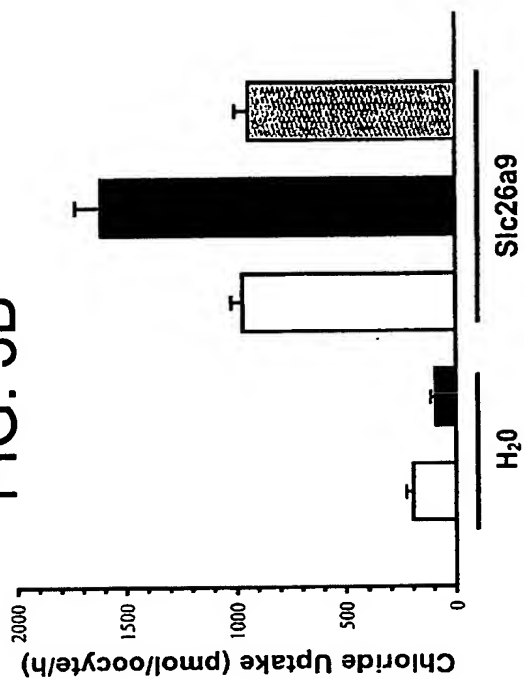
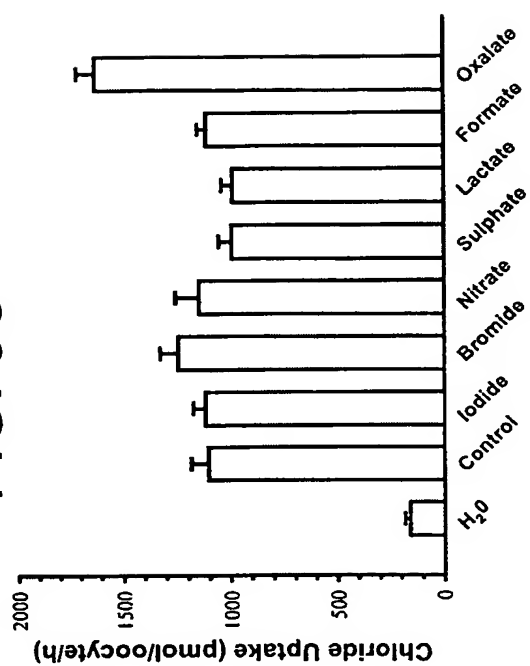


FIG. 3C



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FIG. 4A

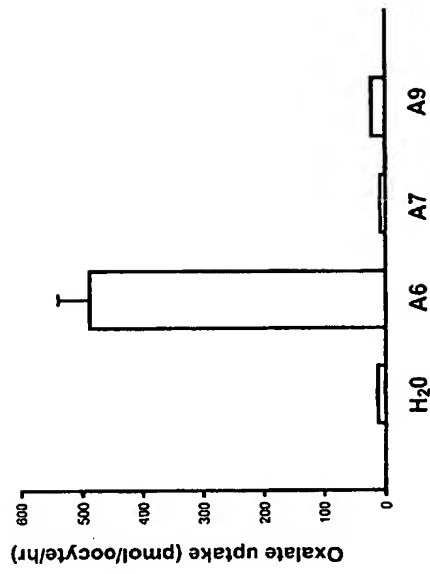
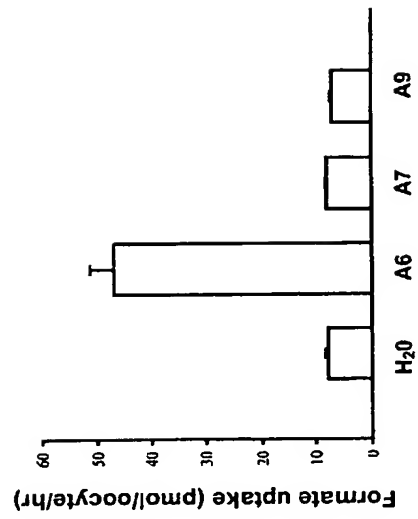


FIG. 4B



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FIG. 5B

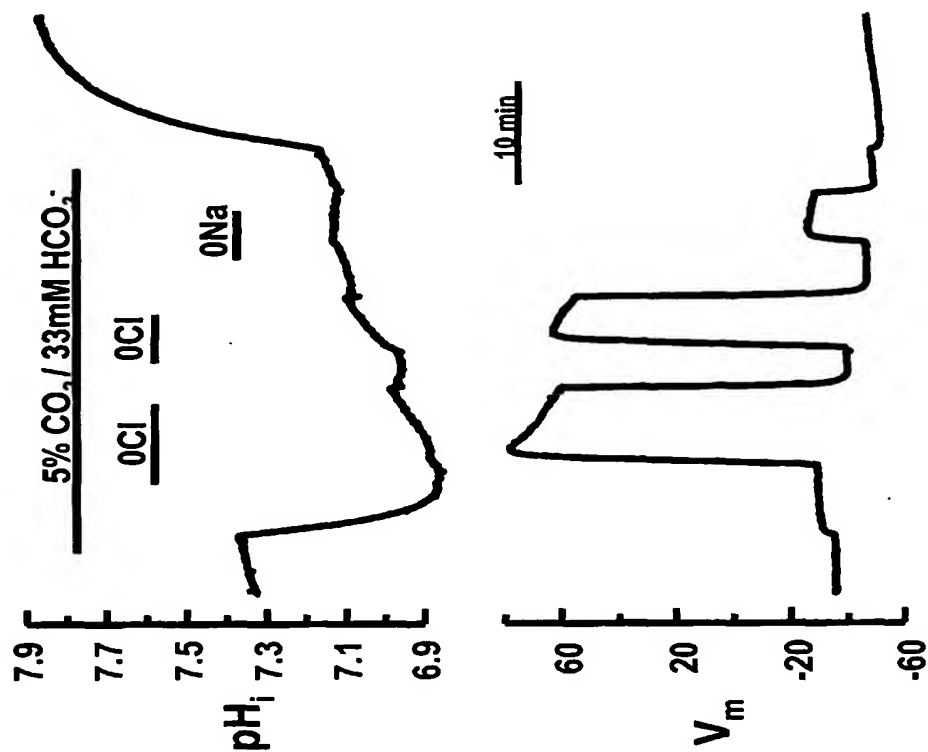


FIG. 5A

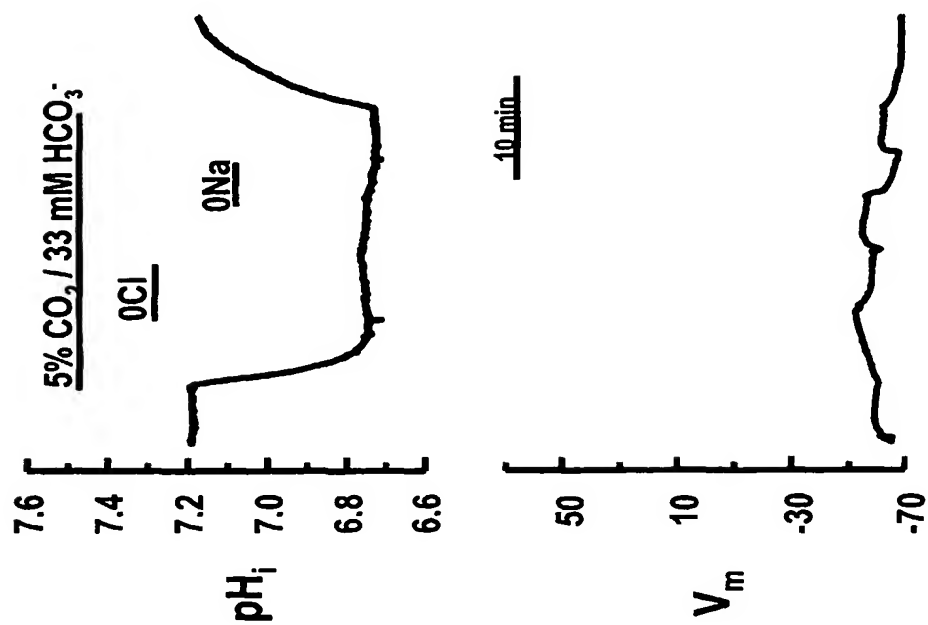


FIG. 6

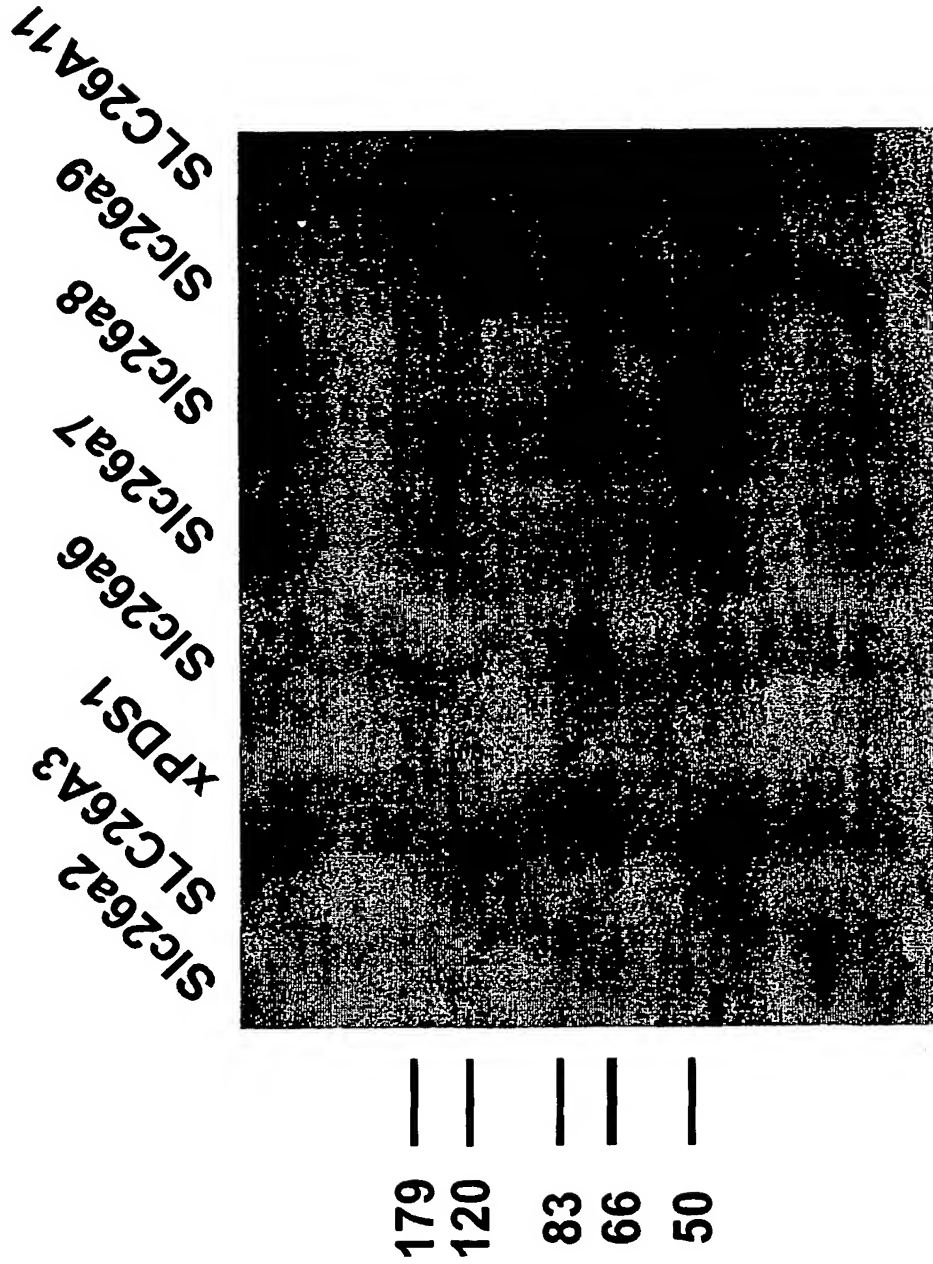


FIG. 7

